



Item	Unit	Value
Rated bucket capacity	m <sup>3</sup>	7.5
Rated loading capacity	t	18
Maximum breakout force	kN	300 (Hydraulic)
Maximum traction force	kN	342
Maximum traveling speed	km/h	26.8
Minimum turning radius	mm	3494/7386(inner side/outer side)
Transport dimensions (L×W×H)	mm	11328×3065×2760
Total weight	t	47±0.5
<b>Power system</b>		
Brand model	/	Volvo TAD1352VE
Emission standard	/	EU III
Rated power	kW	315
Fuel tank volume	L	620
<b>Transmission system</b>		
Torque converter	/	DANAC9000
Gearbox	/	DANA 6000
Drive axle	/	Kessler D111
<b>Working device</b>		
Maximum dumping height	mm	2854
Minimum dumping distance	mm	1794
Maximum lifting force	kN	180
Total time	s	14.6
<b>Frame</b>		
Wheelbase	mm	3820
Ground clearance	mm	498
Steering angle	°	±42.5
Departure angle	°	14
Swing angle	°	±8

## Advantages

- XUL518 underground diesel LHD has a bucket capacity of 7.5m<sup>3</sup> and a rated load of 18t, and meets the requirements of mine safety certification. It is suitable for loading, hauling and dumping of materials in mine tunnels and other small tunnels in non-explosive environments, and can meet the loading requirements of mining trucks within 52t during underground mining;
- With a high protection grade, this machine can adapt to humid and dusty environments of 5m×5m tunnels in underground mines. It is highly intelligent, safe, reliable and stable during operation, which can greatly improve the productivity and profitability of underground mines;
- The cab meets FOPS and ROPS standard certification. The cab is fixed with rubber shock absorbers, with a flame-retardant and noise reducing interior and adjustable floating seats, providing a comfortable working environment for the operator;
- It has multiple functions: frame steering locking, fault alarm and intelligent detection, moving arm locking, dry powder fire extinguisher, oil pressure detection, oil temperature detection and alarm, automatic concentrated lubrication system, APC automatic gearshift control, automatic fire extinguishing system, emergency braking function.

